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# UTILITY PATENT APPLICATION TRANSMITTAL

*(Only for new nonprovisional applications under 37 CFR § 1.53(b))*

Attorney Docket No.	1875.5310000
Inventors	Kuo et al.
Title	Hybrid Circuit for Broadband Modems
Express Mail Label No.	n/a

**APPLICATION ELEMENTS***See MPEP chapter 600 concerning utility patent application contents.***ADDRESS TO:**

Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria VA 22313-1450

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original, and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages: 18]  
*(preferred arrangement set forth below)*
  - Descriptive title of the Invention
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawings (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Pages 2]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76.
7.  CD-ROM or CD-R in duplicate, large table or Computer Program  
*(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*
11.  English Translation Document *(if applicable)*
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Two Return Receipt Postcards (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Authorization to Treat a Reply as Incorporating an Extension of Time under 37 C.F.R. § 1.136(a)(3)  
 Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-Part (CIP)  
**Prior application information:** Examiner \_\_\_\_\_ of prior application No: \_\_\_ / \_\_\_\_\_  
 Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS** Customer Number 26111or  Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.		
	Attorneys at Law		
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	FAX	

NAME (Print/Type)	Michael D. Specht	Registration No. (Attorney/Agent)	54,463
SIGNATURE	<i>Michael D. Specht</i>		
Date	10/27/03		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

031088 U.S.PTO  
10/692821

102703



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\*Admitted only in Maryland  
\*Admitted only in Virginia  
•Practice Limited to  
Federal Agencies

October 27, 2003

**WRITER'S DIRECT NUMBER:**  
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**INTERNET ADDRESS:**  
MSPECHT@SKGF.COM

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

***MS Patent Application***

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. (to be assigned); Filed: (herewith)  
For: **Hybrid Circuit for Broadband Modems**  
Inventors: **Kuo et al.**  
Our Ref: 1875.5310000

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. Fee Transmittal Form (PTO/SB/17);
2. Credit Card Payment Form (PTO-2038)
3. Utility Patent Application Transmittal Form (PTO/SB/05);
4. U.S. Utility Patent Application entitled:

**Hybrid Circuit for Broadband Modems**

and naming as inventors:

Augustine KUO  
Tom KWAN  
Suman RANGANATHAN

Commissioner for Patents

October 27, 2003

Page 2

the application consisting of:

- a. an Application Data Sheet (37 C.F.R. § 1.76);
  - b. a copy of an original executed Declaration for Patent Application
  - c. a specification containing:
    - i. 14 pages of description prior to the claims;
    - ii. 3 pages of claims (13 claims);
    - iii. a one (1) page abstract;
  - d. 5 sheets of drawing (Figures 1-5);
5. Authorization to Treat a Reply as Incorporating an Extension of Time under 37 C.F.R. § 1.136(a)(3);
  6. Recordation Form Cover Sheet (PTO-1595);
  7. Copy of an original executed Assignment to Broadcom Corporation, recordation of which is hereby respectfully requested; and
  8. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael D. Specht  
Attorney for Applicants  
Registration No. 54,463

RES/MDS:mlb

Enclosures

SKGF\_DC1:192710.1

Sterne, Kessler, Goldstein & Fox PLLC : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : [www.skgf.com](http://www.skgf.com)

13281 U.S.P.T.O.

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$810.00)**

Complete if Known

Application Number	(to be assigned)
Filing Date	(herewith)
Inventors	Kuo et al.
Examiner Name	(to be assigned).
Group Art Unit	(to be assigned)
Attorney Docket No.	1875.5310000

**METHOD OF PAYMENT (check all that apply)** Check  Credit card  Money Order  Other\*  None Deposit Account  
Deposit Account Number 19-0036

Deposit Account Name: Sterne, Kessler, Goldstein &amp; Fox P.L.L.C.

**The Commissioner is authorized to: (check all that apply)**

- Charge fee(s) indicated below  Credit any over payments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

\*\* Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description				Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1051	130	2051	65	Surcharge - late filing fee or oath		
1502	50	2052	25	Surcharge-late provisional filing fee or cover sheet		
1053	130	1053	130	Non-English specification		
1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
1251	110	2251	55	Extension for reply within first month		
1252	420	2252	210	Extension for reply within second month		
1253	950	2253	475	Extension for reply within third month		
1254	1,480	2254	740	Extension for reply within fourth month		
1255	2,010	2255	1,005	Extension for reply within fifth month		
1401	330	2401	165	Notice of Appeal		
1402	330	2402	165	Filing a brief in support of an appeal		
1403	290	2403	145	Request for oral hearing		
1451	1,510	1451	1,510	Petition to institute a public use proceeding		
1452	110	2452	55	Petition to revive - unavoidable		
1453	1,330	2453	665	Petition to revive - unintentional		
1501	1,330	2501	665	Utility issue fee (or reissue)		
1502	480	2502	240	Design issue fee		
1503	640	2503	320	Plant issue fee		
Total Claims 13 - 20** = 0 X 18 = 0.00						
Indep. Claims 2 - 3** = 0 X 86 = 0.00						
Multiple Dependent _____ = _____						
<b>SUBTOTAL (1) (\$770.00)</b>						
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>						
		Fee from below				
		Extra				
Total Claims 13 - 20** = 0 X 18 = 0.00						
Indep. Claims 2 - 3** = 0 X 86 = 0.00						
Multiple Dependent _____ = _____						
<b>SUBTOTAL (2) (\$0.00)</b>						
<b>Large Entity</b>	<b>Small Entity</b>	<b>Fee Description</b>				
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1202	18	2202	9	Claims in excess of 20		
1201	86	2201	43	Independent claims in excess of 3		
1203	290	2203	145	Multiple dependent claim, if not paid		
1204	86	2204	43	**Reissue independent claims over original patent		
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent		
<b>SUBTOTAL (2) (\$0.00)</b>						
Other fee (specify):						
* Reduced by Basic Filing Fee Paid					<b>SUBTOTAL (3) (\$40.00)</b>	

**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)	Michael D. Specht	Registration No. (Attorney/Agent)	54,463	Telephone	202-371-2600
Signature	<i>Michael D. Specht</i>			Date	10/27/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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SKGF\_DC1:192712.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Confirmation No. (to be assigned)
Kuo <i>et al.</i>	Art Unit: (to be assigned)
Appl. No. (to be assigned)	Examiner: (to be assigned)
Filed: (herewith)	Atty. Docket: 1875.5310000
For: <b>Hybrid Circuit for Broadband Modems</b>	

**Authorization to Treat a Reply as Incorporating an Extension of Time  
under 37 C.F.R. § 1.136(a)(3)**

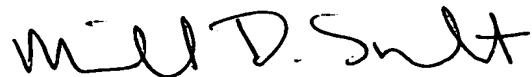
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael D. Specht  
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Registration No. 54,463

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